| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|--------------------|---------------------|---------|------------------|
| L1 | 2818 | (455/319,313,318,323,333,337, 205).CCLS. | US-PGPUB; USPAT | OR . | OFF | 2007/01/22 07:36 |
| L2 | 226 | fet near5 bias near4 voltage near6 resist\$3 | US-PGPUB; USPAT | OR | OFF | 2007/01/22 07:37 |
| L3 | 4982 | (375/340,316,350,324).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/01/22 07:37 |
| L5 | 24511 | (locat\$3 or posit\$6) near8 base near5 mov\$3 | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:40 |
| L6 | 2 | 1 and 5 | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:39 |
| L7 | 17682 | (locat\$3 or posit\$6) near8 base near (mov\$3 or mobile) | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:40 |
| L8 | 1098 | (locat\$3 or posit\$6) near8 base near2 portable | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:42 |
| L9 | . 0 | 1 and 8 | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:41 |
| L10 | 83859 | "455".clas. | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:41 |
| L11 | 332 | 8 and 10 | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:41 |
| L12 | 14 | (locat\$3 or posit\$6) near8 base near2 portable near7 time near2 differen\$4 | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:50 |
| L13 | 13 | (locat\$3 or posit\$6) near8 base near portable near7 time near2 differen\$4 | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:52 |
| L14 | 13 | (locat\$3 or posit\$6) near8 base near1 portable near7 time near2 differen\$4 | US-PGPUB; USPAT | OR | ON . | 2007/01/22 07:53 |
| L15 | 949 | (locat\$3 or posit\$6) near8 portable near base | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:53 |
| L16 | 362 | locat\$3 near8 portable near base | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:53 |
| L19 | 0 | locat\$3 near8 portable near2 base same time near2 difference | US-PGPUB; USPAT | OR . | ON | 2007/01/22 07:55 |
| L20 | 0 | locat\$3 near10 portable near2 base same time near4 difference | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:54 |
| L21 | 101 | locat\$3 near8 (portable or mobile or moving) near2 base same time near2 difference | US-PGPUB; USPAT | OR | ON | 2007/01/22 07:55 |
| L29 | 1 | ("6404758").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/22 09:07 |

| C1 | 1 | ("20020196670") DNI | LIC DCDLIP. | OR | OFF | 2005/11/15 12:05 |
|------|--------|---|--------------------|----|-----|------------------|
| S1 . | 1 | ("20030186670").PN. | US-PGPUB; USPAT | UK | UFF | 2005/11/15 13:05 |
| S3 | 0 | converter near7 ("field effect transistor" or fet) near5 bias near4 voltage near6 resist\$3 | US-PGPUB; USPAT | OR | OFF | 2005/11/15 13:19 |
| S4 | 211 | fet near5 bias near4 voltage near6 resist\$3 | US-PGPUB; USPAT | OR | OFF | 2005/11/15 13:33 |
| S5 | 1 | fet near5 bias near4 voltage near6 resist\$3 near10 converter | US-PGPUB; USPAT | OR | ON | 2005/11/15 13:19 |
| S6 | 931934 | fet near5 bias near4 voltage near6 resist\$3 frequency | US-PGPUB; USPAT | OR | ON | 2005/11/15 13:33 |
| S7 | 36 | fet near5 bias near4 voltage near6 frequency | US-PGPUB; USPAT | OR | ON | 2005/11/15 13:36 |
| S8 | 7 | inphase near7 quadrature near8 "flip flop" | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:05 |
| S10 | 7 | inphase near10 quadrature near12 "flip flop" | US-PGPUB; USPAT | OR | ON | 2005/11/15 13:45 |
| S11 | 7 | inphase near10 quadrature near12 inverter | US-PGPUB; USPAT | OR | ON | 2005/11/15 13:37 |
| S12 | 712 | i near10 q near10 "flip flop" | US-PGPUB; USPAT | OR | ON | 2005/11/15 13:46 |
| S13 | 36 | i near10 q near10 "flip flop" near7 inverter | US-PGPUB; USPAT | OR | ŌΝ | 2005/11/15 13:52 |
| S14 | . 71 | switch near6 pulse near6 aperture | US-PGPUB; USPAT | OR | ON | 2005/11/17 11:11 |
| S15 | 4 | semiconductor near4 fet near4 source near4 drain near4 gate near4 pad | US-PGPUB; USPAT | OR | ON | 2005/11/17 17:02 |
| S16 | 1 | ("20030186670").PN. | US-PGPUB; USPAT | OR | OFF | 2005/11/17 17:02 |
| S17 | 7 | inphase near7 quadrature near12 "flip flop" | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:06 |
| S18 | 80 | inphase and quadrature and ("flip flop" or flip-flop or flipflop) and inverter | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:37 |
| S19 | 1 | inphase near7 quadrature near15 ("flip flop" or flip-flop or flipflop) near12 inverter | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:08 |
| S20 | 1 | inphase near12 quadrature near15 ("flip flop" or flip-flop or flipflop) near17 inverter | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:35 |
| S21 | 80 | inphase and quadrature and ("flip flop" or flip-flop or flipflop) and inverters | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:37 |

| S22 | . 2 | inphase and quadrature and ("flip flop" or flip-flop or flipflop) and (inverters near7 series) | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:45 |
|-----|-------|---|--------------------|------|-----|------------------|
| S23 | 10 | (("6882194") or ("6892062") or ("6917796") or ("6920311") or ("5062122") or ("6182011") or ("6639939") or ("5787125") or ("5878088") or ("6215828")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 12:47 |
| S24 | 2 | S23 and inphase | US-PGPUB; USPAT | OR | OFF | 2006/02/17 12:48 |
| S25 | 1 | S23 and inverter | US-PGPUB; USPAT | OR | OFF | 2006/02/17 12:49 |
| S26 | 3 | S23 and ("flip flop" or flip-flop or flipflop) | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:51 |
| S27 | 15432 | inverter near7 ("flip flop" or flip-flop or flipflop) | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:52 |
| S28 | - 25 | inverter near7 ("flip flop" or flip-flop or flipflop) near8 i near7 q | US-PGPUB; USPAT | OR | ON | 2006/02/17 12:52 |
| S29 | 25 | (("4441080") or ("4873492") or ("5697074") or ("5784689") or ("6335656") or ("6690232") or ("5636140") or ("6366622") or ("6600795") or ("4250458") or ("5760629") or ("6084465") or ("6204789") or ("6064054") or ("5218562") or ("5239496") or ("5896304") or ("6005903") or ("5834979") or ("6798351") or ("6813485") or ("5410270") or ("6509777") or ("5982329") or ("6208636")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:24 |
| S30 | 15432 | inverter near7 ("flip flop" or flip-flop or flipflop) | US-PGPUB; USPAT | OR . | ON | 2006/02/17 13:32 |
| S31 | 1 | S29 and S30 | US-PGPUB; USPAT | OR · | OFF | 2006/02/17 13:27 |
| S32 | 9 | (("4602220") or ("4603300") or ("4612464") or ("4612518") or ("4616191") or ("4621217") or ("4628517") or ("4634998") or ("4648021")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:29 |
| S33 | · 9 | (("4651034") or ("4675882") or ("4688253") or ("4716376") or ("4716388") or ("4718113") or ("4726041") or ("4733403") or ("4734591")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:35 |

| S34 | 9 | (("4737969") or ("4743858") or ("4745463") or ("4751468") or ("4757538") or ("4768187") or ("4769612") or ("4785463") or ("4791584")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:32 |
|-----|------|---|--------------------|----|-----|------------------|
| S35 | 9 | (("4801823") or ("4806790") or ("4810904") or ("4810976") or ("4811362") or ("4819252") or ("4833445") or ("4862121") or ("4868654")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:32 |
| S36 | 36 | S32 or S33 or S34 or S35 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:32 |
| S37 | 2 | S30 and S36 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:35 |
| S38 | 9 | (("4870659") or ("4871987") or ("4885587") or ("4885756") or ("4888557") or ("4890302") or ("4893316") or ("4893341") or ("4894766")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:35 |
| S39 | 9 | (("4896152") or ("4902979") or ("4908579") or ("4910752") or ("4914405") or ("4920510") or ("4922452") or ("4931921") or ("4944025")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:39 |
| S40 | 9 | (("4955079") or ("4965467") or ("4967160") or ("4970703") or ("4982353") or ("4984077") or ("4995055") or ("5003621") or ("5005169")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:40 |
| S41 | 9 | (("5006810") or ("5010585") or ("5014304") or ("5015963") or ("5017924") or ("5020149") or ("5020154") or ("5052050") or ("5065409")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:40 |
| S42 | . 36 | S38 or S39 or S40 or S41 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:40 |
| S43 | 1 | S30 and S42 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:42 |
| S44 | 9 | (("5083050") or ("5091921") or ("5095533") or ("5095536") or ("5111152") or ("5113094") or ("5113129") or ("5122765") or ("5124592")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:43 |
| S45 | 9 | (("5136267") or ("5140705") or ("5150124") or ("5151661") or ("5159710") or ("5170414") or ("5172070") or ("5191459") or ("5204642")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:44 |

| .S46 | 9 | (("5212827") or ("5214787") or ("5220583") or ("5220680") or ("5222144") or ("5230097") or ("5239686") or ("5241561") or ("5249203")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:45 |
|------|----|--|--------------------|----|-----|------------------|
| S47 | 9 | (("5251218") or ("5251232") or ("5260970") or ("5263194") or ("5263196") or ("5267023") or ("5278826") or ("5282023") or ("5287516")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:45 |
| S48 | 36 | S44 or S45 or S46 or S47 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 13:45 |
| S49 | 1 | S30 and S48 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:20 |
| S50 | 44 | (("5404127") or ("5410541") or ("5410743") or ("5412352") or ("5416803") or ("5422913") or ("5423082") or ("5428638") or ("5428640") or ("5454007") or ("5454009") or ("5463356") or ("5463357") or ("5465415") or ("5465410") or ("5465415") or ("5471162") or ("5479120") or ("5555464") or ("5557642") or ("5579341") or ("5579347") or ("5584068") or ("5592131") or ("5602847") or ("5602868") or ("5680418") or ("5689413") or ("5710998") or ("5714910") or ("5715281") or ("5764087") or ("5766645") or ("57668118") or ("5767726") or ("577688148") or ("57777771") or ("5786844")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:24 |
| S51 | 0 | S30 and S50 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:25 |

| S52 | 45 | (/"E902290") or ("E904220") or | LIC DCDLID: | OR | OFF | 2006/02/17 14:20 |
|-----|----|--|-------------|-----|-----|------------------|
| 552 | 45 | (("5892380") or ("5894239") or | US-PGPUB; | OR | UFF | 2006/02/17 14:28 |
| | | ("5896562") or ("5900747") or | USPAT | | | |
| | | ("5901054") or ("5901187") or | | | | |
| | | ("5901344") or ("5901347") or | | | | |
| | | ("5901348") or ("5903854") or | | | | ' |
| İ | | ("5905449") or ("5907149") or | | | | |
| | | ("5907197") or ("5911116") or | | | | <u></u> |
| | | ("5911123") or ("5914622") or | | | | |
| | | ("5920199") or ("5943370") or | | | | |
| | | ("5770985") or ("5778022") or | | | | |
| | | ("5812546") or ("5818869") or | | | | |
| l | | ("5844449") or ("5872446") or | | | | |
| | • | ("5909447") or ("5933467") or | | | | |
| İ | | ("5952895") or ("5841811") or | | | | |
| | | ("4051475") or ("5953642") or | | | | |
| | | ("4653117") or ("5859878") or | | | | |
| | | ("5894496") or ("5915278") or | | | | |
| | | ("6028887") or ("6081691") or | | | | |
| | | ("5319799") or ("5801654") or | | | | |
| | | ("5369404") or ("3716730") or | | | | |
| | | ("4080573") or ("4334324") or | | | | |
| | | ("4369522") or ("5465418") or | | | | |
| | | ("5513389")).PN. | | | | |
| S53 | 1 | S30 and S52 | US-PGPUB; | OR | OFF | 2006/02/17 14:30 |
| | • | | USPAT | | | |
| S54 | 54 | (("4483017") or ("6421534") or | US-PGPUB; | OR | OFF | 2006/02/17 14:35 |
| 33. | 31 | ("6330244") or ("4384357") or | USPAT | OK. | 0., | 2000/02/17 11.55 |
| | | ("4470145") or ("5600680") or | 03.70 | | | |
| | | ("5606731") or ("5870670") or | | | | |
| | | ("6314279") or ("6073001") or | | | | |
| | | ("6085073") or ("6400963") or | | | | |
| | | ("6230000") or ("5483695") or | | | | |
| | | ("6542722") or ("6560301") or | | | | |
| 1 | | ("6098046") or ("5564097") or | | | | |
| | | ("6225848") or ("6313685") or | | | | |
| | : | ("3614627") or ("3940697") or | | | | |
| | | ("4016366") or ("4045740") or | | | | |
| | | ("4115737") or ("5710992") or | 1 | | | |
| | | ("5790587") or ("4633510") or | • . | | | |
| | | ("5369789") or ("5416449") or | | | | |
| İ | | ("5438329") or ("6611569") or | | | | |
| | | ("6647250") or ("5682099") or | | | | 1 |
| | | ("6094084") or ("6067329") or | * | | | |
| | | ("6704558") or ("5490176") or | | | | |
| | | ("5970053") or ("6078630") or | | | • | |
| | | ("6600911") or ("5179731") or | | | | |
| | | ("5589793") or ("4510467") or | | | | |
| | | ("4772853") or ("6144331") or | | | | |
| | | ("6018553") or ("6317589") or | | | | |
| | | | | | | |
| | | ("5058107") or ("5757858") or | | | | |
| | • | ("6531979") or ("6018262") or ("4761798") or ("5982315")).PN. | | | | |
| | | (4/01/30) OI (3302313)).PN. | <u></u> | | | 1 |

| S55 | 2 | S30 and S54 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:38 |
|------------------|---------|--|--------------------|----|-------|------------------|
| S56 | 19 | (("6459721") or ("6151354") or ("6169733") or ("6363262") or ("6697603") or ("5182222") or ("5949827") or ("6014176") or ("5678226") or ("5760632") or ("6160280") or ("5345239") or ("5745846") or ("5345239") or ("4132952") or ("5260973") or ("6307894") or ("6091289") or ("64376392") or ("20020037706")). PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:39 |
| ⁻ S57 | 0 | S30 and S56 | US-PGPUB; USPAT | OR | OFF | 2006/02/17 14:40 |
| S58 | 1 | ("6061551").PN. | US-PGPUB; USPAT | OR | OFF · | 2006/02/17 15:30 |
| S59 | 4 | (inphase or "in-phase" or "i") near7 switch\$3 near7 (stor\$3 or memor\$3) near10 (quadrature or "q") near8 control\$4 | US-PGPUB; USPAT | OR | ON | 2006/02/17 16:34 |
| S60 | 38 | (inphase or "in-phase" or "i") near7 switch\$3 near7 (stor\$3 or memor\$3) near10 (quadrature or "q") | US-PGPUB; USPAT | OR | ON | 2006/09/29 13:57 |
| S61 | 34 | S60 not S59 | US-PGPUB; USPAT | OR | ON | 2006/02/17 16:14 |
| S62 | 33 | (inphase or "in-phase" or "i") near7 switch\$3 near7 (capacitor) near10 (quadrature or "q") | US-PGPUB; USPAT | OR | ON | 2006/02/17 16:34 |
| S63 | 1 | ("20030186670").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 17:06 |
| S64 | 2489 | (455/319,313,318,323,333,337, 205).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 18:25 |
| S65 ´ | 4319 | (375/340,316,350,324).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/17 18:25 |
| S66 | 221 | fet near5 bias near4 voltage near6 resist\$3 | US-PGPUB; USPAT | OR | OFF | 2006/07/21 11:35 |
| S67 | 743 | i near10 q near10 "flip flop" | US-PGPUB; USPAT | OR | ON | 2006/07/21 11:35 |
| S68 | 2708 | (455/319,313,318,323,333,337, 205).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/29 13:56 |
| S69 | 4770 | (375/340,316,350,324).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/29 13:57 |
| S70 | 1044535 | fet near5 bias near4 voltage near6 resist\$3 frequency | US-PGPUB; USPAT | OR | ON | 2006/09/29 13:57 |

| S71 | 43 | (inphase or "in-phase" or "i") near7 switch\$3 near7 (capacitor) near10 (quadrature or "q") | US-PGPUB; USPAT | OR | ON | 2006/09/29 13:57 |
|-----|------|--|--------------------|----|-----|------------------|
| S72 | 4 | ((inphase or "in-phase" or "i") near7 switch\$3 near7 (capacitor) near10 (quadrature or "q")).clm. | US-PGPUB; USPAT | OR | ON | 2006/09/29 13:57 |
| S73 | 5 | ((inphase or "in-phase" or "i") near7 switch\$3 near7 (stor\$3 or memor\$3) near10 (quadrature or "q")).clm. | US-PGPUB; USPAT | OR | ON | 2006/09/29 13:58 |
| S74 | 226 | fet near5 bias near4 voltage near6 resist\$3 | US-PGPUB; USPAT | OR | OFF | 2007/01/22 06:13 |
| S75 | 2818 | (455/319,313,318,323,333,337, 205).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/01/22 06:14 |
| S76 | 767 | i near10 q near10 "flip flop" | US-PGPUB; USPAT | OR | ON | 2007/01/22 06:14 |